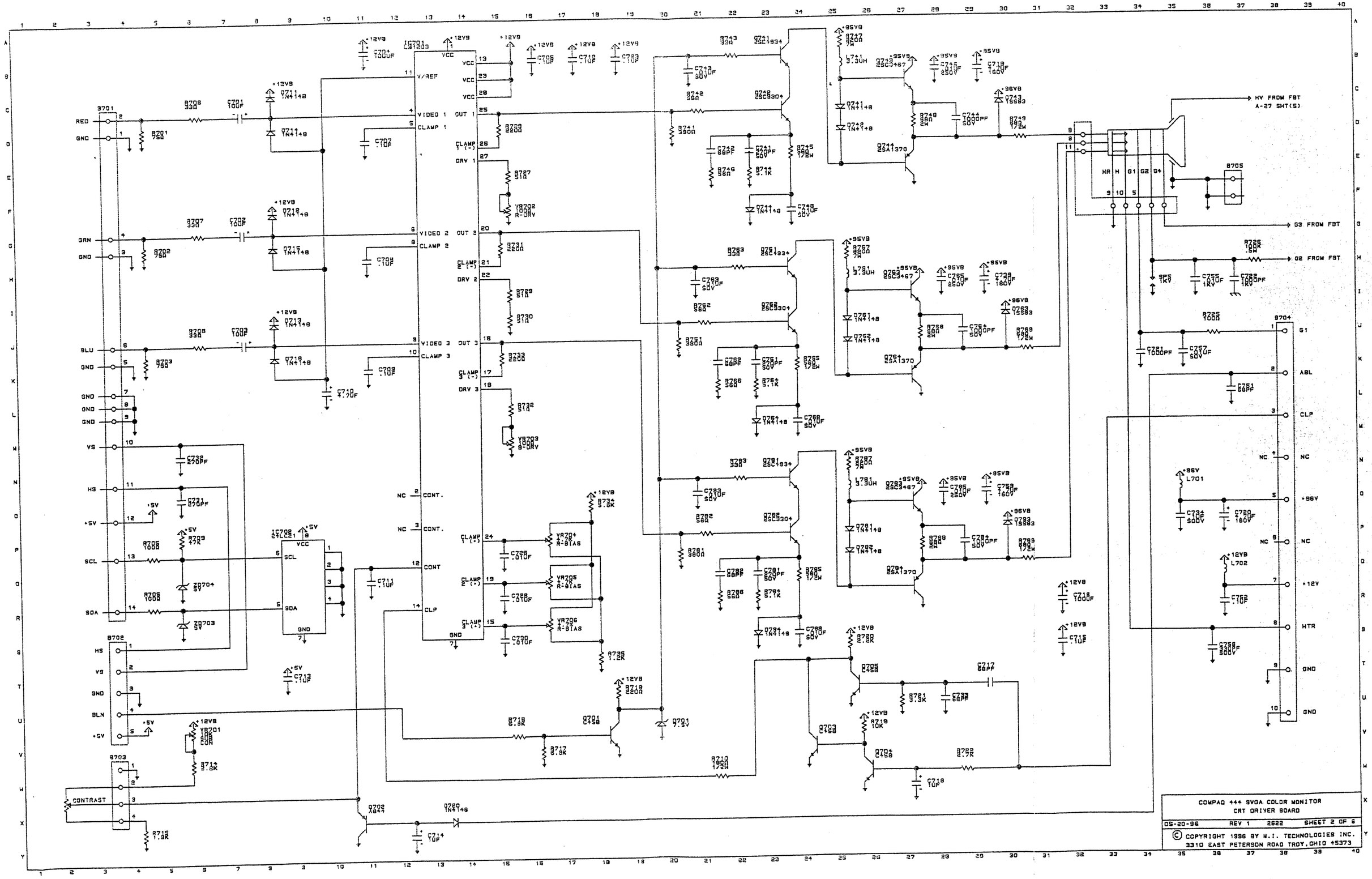
COLOR MONITOR

COMPAQ 444


RED
GRN
BLU
GND
VS
HS
+5V
SCL
SDA
BLN
CONTRAST
VIDEO 1
VIDEO 2
VIDEO 3
CLAMP 1
CLAMP 2
CLAMP 3
V/REF
VCC
OUT 1
OUT 2
OUT 3
DRV 1
DRV 2
DRV 3
CONT.
CLP
HR
H
G1
G2
G4
ABL
CLP
NC
HTR
+96V
+12V
HV FROM FBT
A-27 SHT(S)
G3 FROM FBT
G2 FROM FBT
G1
COMPAQ 444 SVGA COLOR MONITOR
CRT DRIVER BOARD
05-20-96
REV 1
2622
SHEET 2 OF 6
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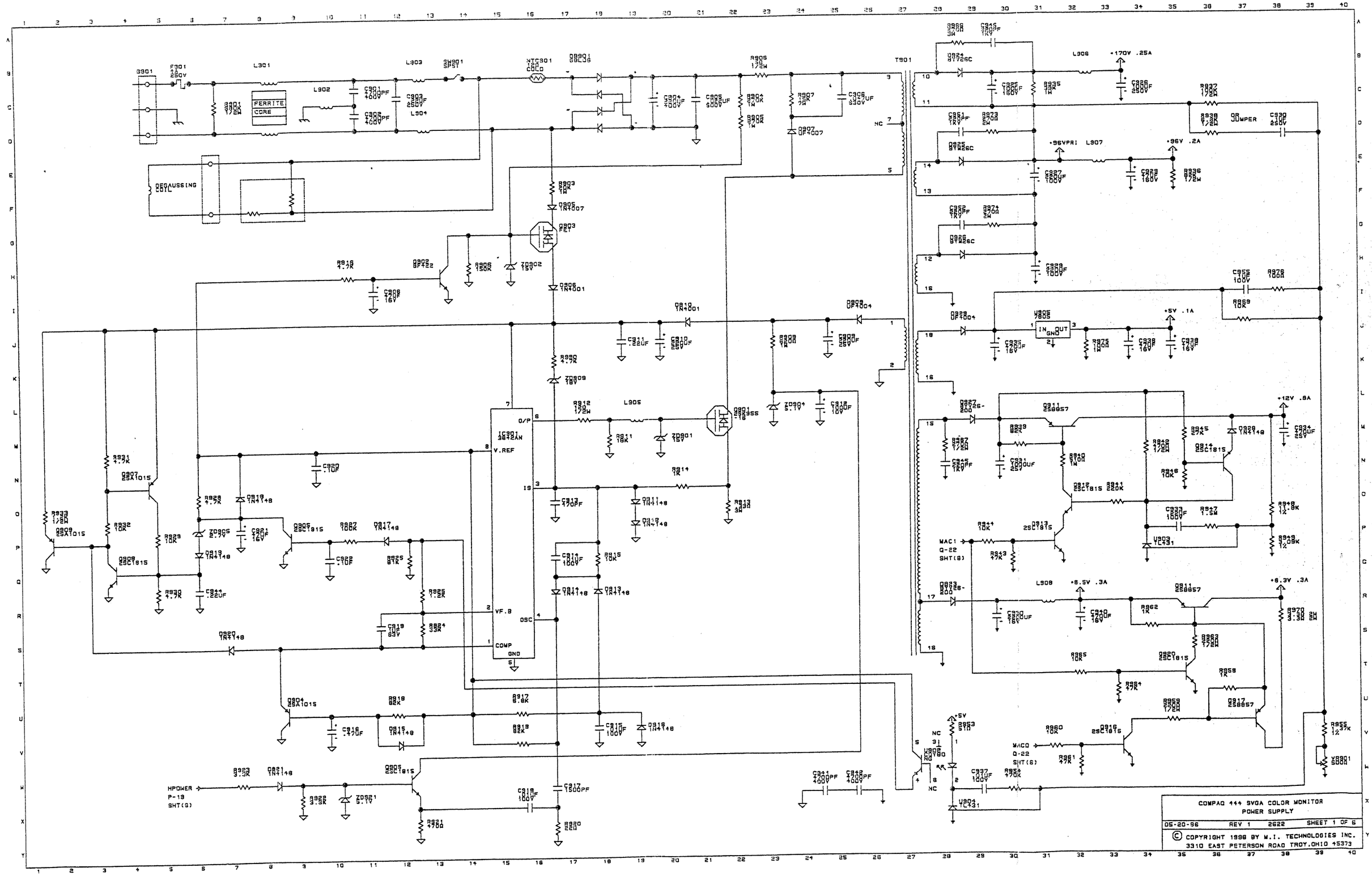
DEGAUSSING COIL
FERRITE CORE
HPOWER P-19 SHT(G)
MAC1 Q-22 SHT(8)
MAC0 Q-22 SHT(6)
+170V .25A
+96V .2A
+96VPRI
+5V .1A
+12V .8A
+8.5V .3A
+6.3V .3A
IN GND OUT
O/P
V.REF
VF.B
OSC
COMP
GND
COMPAQ 444 SVGA COLOR MONITOR
POWER SUPPLY
05-20-96
REV 1
2622
SHEET 1 OF 6
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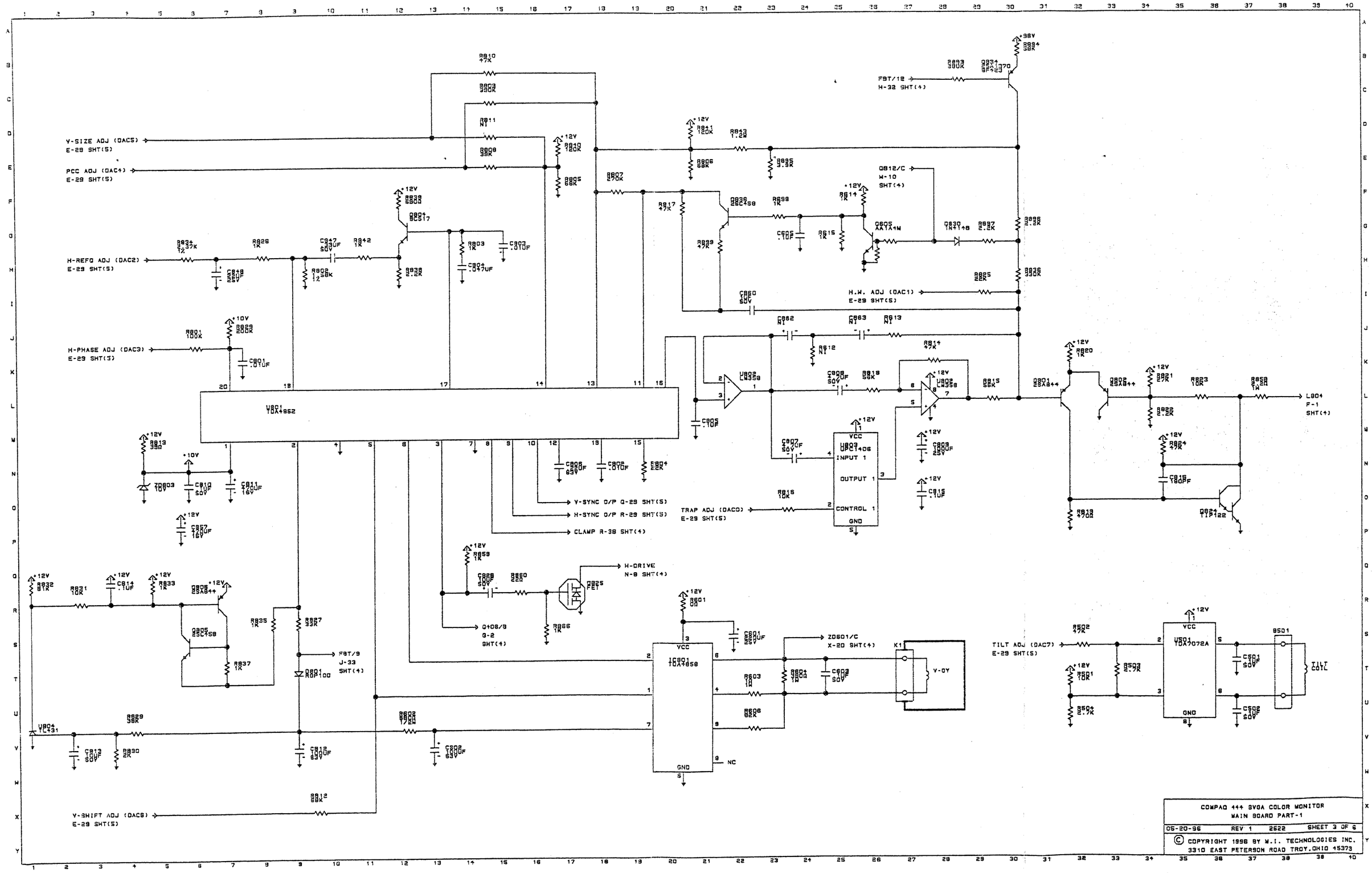

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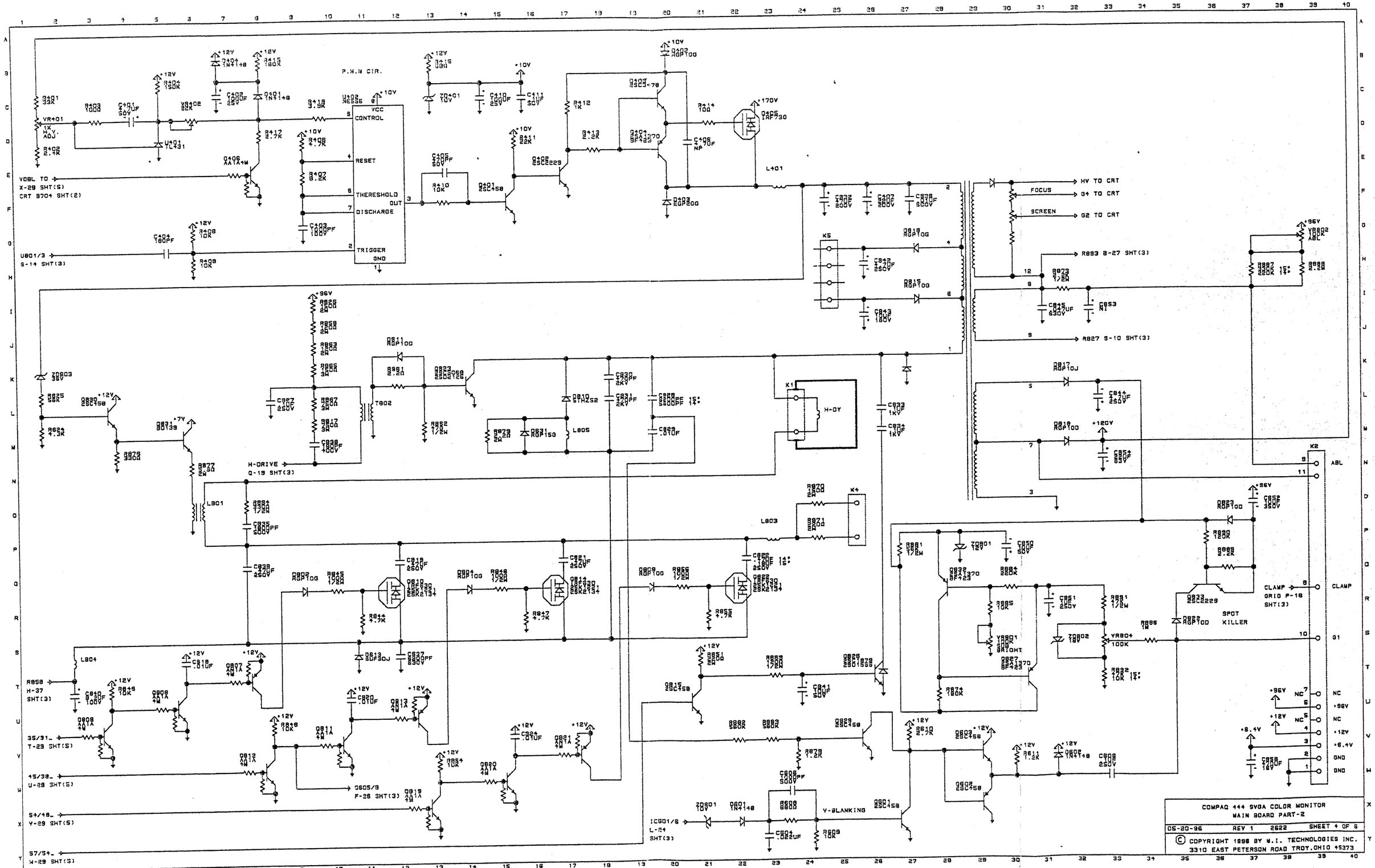
P.W.M CIR.
VR401 1K H.V. ADJ
VDBL TO X-29 SHT(5) CRT B704 SHT(2)
U801/3 S-14 SHT(3)
VCC
CONTROL
RESET
THRESHOLD
OUT
DISCHARGE
TRIGGER
GND
L401
HV TO CRT
FOCUS
G4 TO CRT
SCREEN
G2 TO CRT
R893 8-27 SHT(3)
R827 9-10 SHT(3)
K5
K1
H-OY
K2
ABL
CLAMP
CLAMP ORID P-16 SHT(3)
SPOT KILLER
G1
NC
+96V
+12V
+8.4V
GND
H-DRIVE Q-19 SHT(3)
L801
L803
L804
L805
R858 H-37 SHT(3)
3S/3I T-29 SHT(5)
4S/3B U-28 SHT(5)
S4/4B V-29 SHT(5)
S7/5A W-29 SHT(5)
Q605/9 F-26 SHT(3)
ICG01/6 L-24 SHT(3)
V-BLANKING
COMPAQ 444 SVGA COLOR MONITOR
MAIN BOARD PART-2
05-20-96 REV 1 2622 SHEET 4 OF 6
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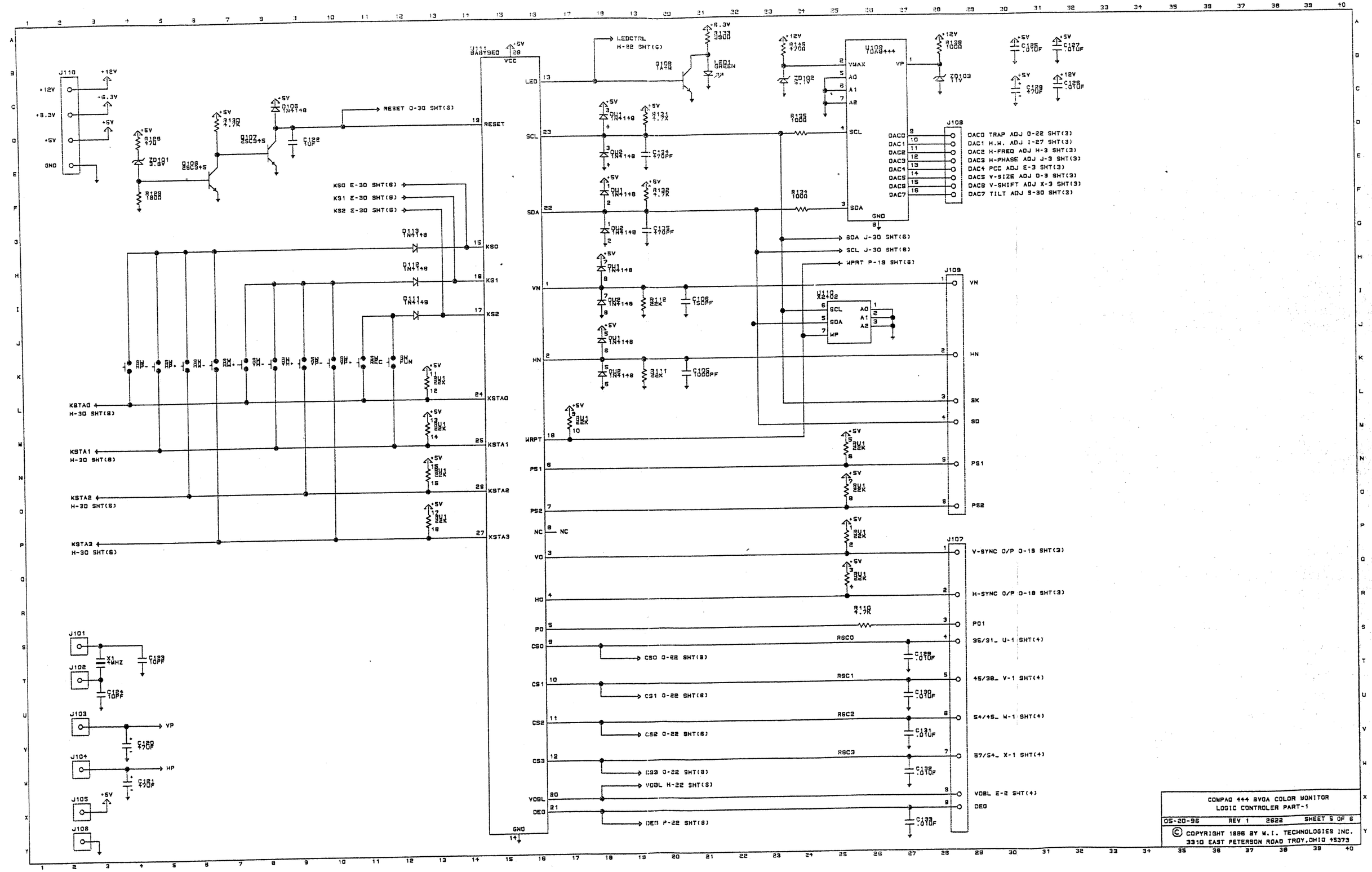
J110
+12V
+8.3V
+5V
GND
VCC
LED
SCL
SDA
VN
HN
WRPT
PS1
PS2
NC
VO
HO
PO
CSO
CS1
CS2
CS3
VDBL
DEO
RESET
KSO
KS1
KS2
KSTA0
KSTA1
KSTA2
KSTA3
SK
SD
LEDCTRL H-22 SHT(6)
RESET O-30 SHT(3)
KSO E-30 SHT(6)
KS1 E-30 SHT(6)
KS2 E-30 SHT(6)
KSTA0 H-30 SHT(6)
KSTA1 H-30 SHT(6)
KSTA2 H-30 SHT(6)
KSTA3 H-30 SHT(6)
SDA J-30 SHT(6)
SCL J-30 SHT(6)
WPRT P-19 SHT(6)
CSO O-22 SHT(6)
CS1 O-22 SHT(6)
CS2 O-22 SHT(6)
CS3 O-22 SHT(6)
VDBL H-22 SHT(6)
DEO P-22 SHT(6)
DAC0 TRAP ADJ O-22 SHT(3)
DAC1 H.W. ADJ I-27 SHT(3)
DAC2 H-FREQ ADJ H-3 SHT(3)
DAC3 H-PHASE ADJ J-3 SHT(3)
DAC4 PCC ADJ E-3 SHT(3)
DAC5 V-SIZE ADJ O-3 SHT(3)
DAC6 V-SHIFT ADJ X-3 SHT(3)
DAC7 TILT ADJ S-30 SHT(3)
V-SYNC O/P O-18 SHT(3)
H-SYNC O/P O-18 SHT(3)
PO1
PS1
PS2
35/31_ U-1 SHT(4)
45/38_ V-1 SHT(4)
54/45_ W-1 SHT(4)
57/54_ X-1 SHT(4)
VDBL E-2 SHT(4)
DEO
VP
HP
X1 14MHZ
COMPAQ 444 SVGA COLOR MONITOR
LOGIC CONTROLER PART-1
05-20-96 REV 1 2622 SHEET 5 OF 6
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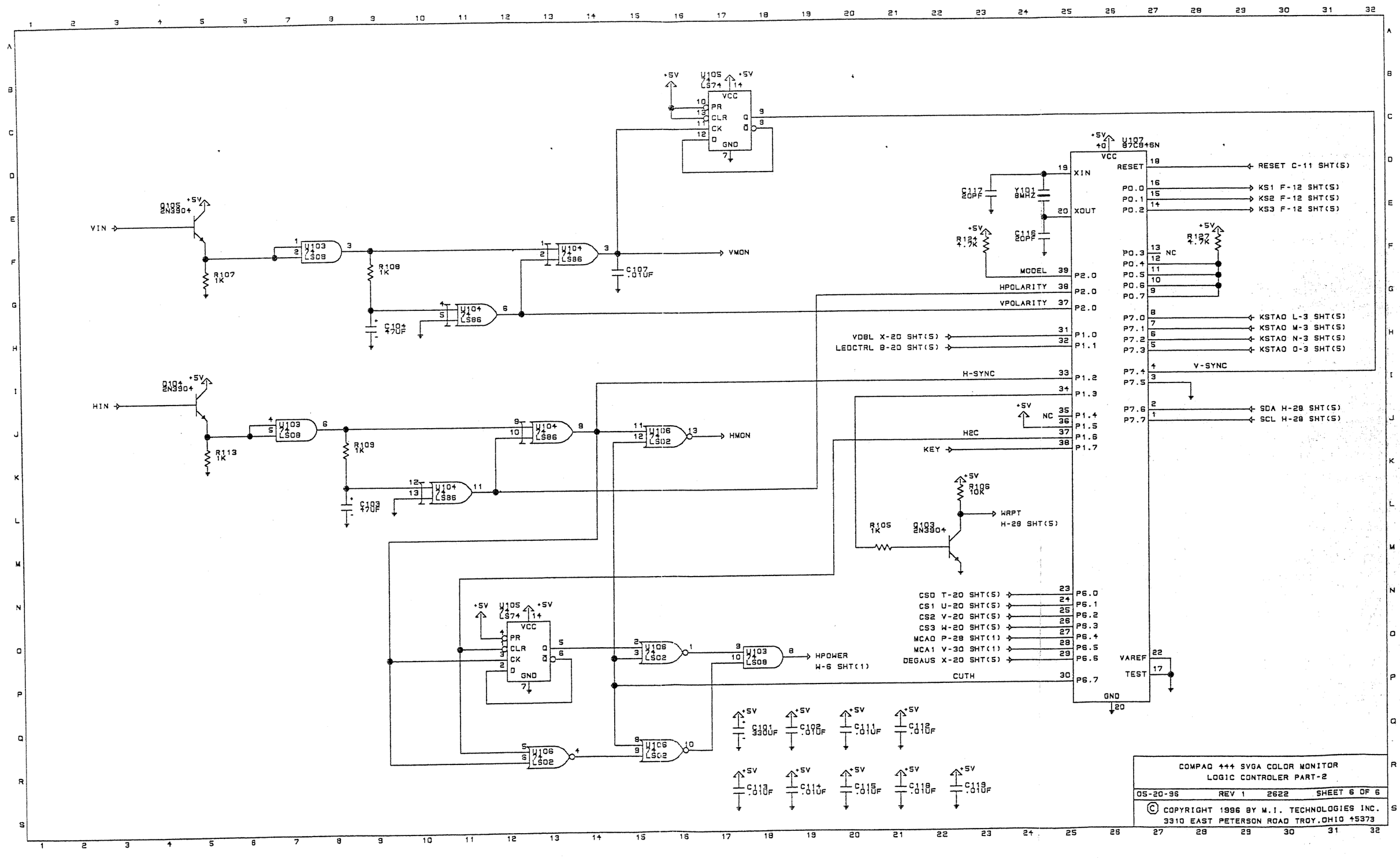

COMPAQ 444 SVGA COLOR MONITOR
LOGIC CONTROLER PART-2

05-20-96 REV 1 2622 SHEET 6 OF 6

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FILE NAME ---------- COMPAQ 444.DOC (NOTE: J DENOTES OHMS)			
10V			SHT 1 GRID L 25
16V			SHT 1 GRID I 12
16V			SHT 1 GRID P 8
25V			SHT 1 GRID J 20
25V			SHT 1 GRID J 25
25V			SHT 1 GRID M 39
25V			SHT 1 GRID N 30
C101	330UF		SHT 6 GRID Q 18
C102	.01UF		SHT 6 GRID Q 19
C103	47UF		SHT 6 GRID L 9
C104	47UF		SHT 6 GRID H 9
C105	1000PF		SHT 5 GRID K 21
C106	150PF		SHT 5 GRID I 21
C107	.01UF		SHT 6 GRID F 15
C111	.01UF		SHT 6 GRID Q 20
C112	.01UF		SHT 6 GRID Q 21
C113	.01UF		SHT 6 GRID R 18
C114	.01UF		SHT 6 GRID R 19
C115	.01UF		SHT 6 GRID R 20
C116	20PF		SHT 6 GRID F 24
C117	20PF		SHT 6 GRID E 23
C118	.01UF		SHT 6 GRID R 21
C119	.01UF		SHT 6 GRID R 23
C120	47UF		SHT 5 GRID V 4
C121	47UF		SHT 5 GRID W 4
C122	1UF		SHT 5 GRID D 9
C123	10PF		SHT 5 GRID S 4
C124	10PF		SHT 5 GRID T 3
C125	.01UF		SHT 5 GRID B 31
C126	.01UF		SHT 5 GRID C 32
C127	.01UF		SHT 5 GRID B 32
C128	47UF		SHT 5 GRID C 31
C129	.01UF		SHT 5 GRID T 27
C130	.01UF		SHT 5 GRID U 27
C131	.01UF		SHT 5 GRID V 27
C132	.01UF		SHT 5 GRID W 27
C133	.01UF		SHT 5 GRID Y 27
C134	470PF		SHT 5 GRID E 20
C135	470PF		SHT 5 GRID G 20
C401	4.7UF	50V	SHT 4 GRID C 4
C402	100UF	25V	SHT 4 GRID C 7
C403	1000PF	100V	SHT 4 GRID G 10
C404	180PF		SHT 4 GRID G 5
C405	470PF	50V	SHT 4 GRID E 13
C406	4.7UF	NP	SHT 4 GRID D 21
C407	22UF	200V	SHT 4 GRID F 26
C410	100UF	25V	SHT 4 GRID C 15
C411	.1UF	50V	SHT 4 GRID C 16

C501	.1UF	50V	SHT 3 GRID T 37
C502	.1UF	50V	SHT 3 GRID U 37
C601	220UF	25V	SHT 3 GRID S 22
C602	100UF	63V	SHT 3 GRID V 13
C603	.1UF	50V	SHT 3 GRID T 25
C604	.022UF		SHT 4 GRID Y 23
C605	.1UF		SHT 3 GRID G 23
C606	.1UF	250V	SHT 4 GRID W 33
C606	1000PF	500V	SHT 4 GRID W 23
C637	6800PF	630V	SHT 4 GRID S 12
C701	10UF		SHT 2 GRID C 7
C702	10UF		SHT 2 GRID F 7
C703	10UF		SHT 2 GRID J 7
C704	100UF		SHT 2 GRID B 12
C705	.1UF		SHT 2 GRID B 16
C707	.1UF		SHT 2 GRID D 12
C708	.1UF		SHT 2 GRID H 12
C709	.1UF		SHT 2 GRID K 12
C710	4.7UF		SHT 2 GRID L 10
C711	.1UF		SHT 2 GRID Q 11
C712	.1UF		SHT 2 GRID B 18
C713	.1UF		SHT 2 GRID T 9
C714	1UF		SHT 2 GRID Y 13
C715	.1UF		SHT 2 GRID S 32
C716	100UF		SHT 2 GRID R 32
C717	68PF		SHT 2 GRID T 29
C718	1UF		SHT 2 GRID W 28
C719	4.7UF	160V	SHT 2 GRID B 30
C720	4.7UF	160V	SHT 2 GRID P 37
C721	1000PF		SHT 2 GRID K 34
C722	1000PF	1KV	SHT 2 GRID I 37
C723	.1UF		SHT 2 GRID B 19
C726	.01UF		SHT 2 GRID P 15
C728	.01UF		SHT 2 GRID R 15
C730	.01UF		SHT 2 GRID S 15
C731	270PF		SHT 2 GRID O 6
C732	270PF		SHT 2 GRID M 6
C733	68PF		SHT 2 GRID U 28
C734	.1UF	500V	SHT 2 GRID P 35
C739	4.7UF	160V	SHT 2 GRID H 30
C741	270PF	50V	SHT 2 GRID E 23
C742	68PF		SHT 2 GRID E 22
C743	.01UF	50V	SHT 2 GRID B 21
C744	1000PF	50V	SHT 2 GRID D 29
C745	.01UF	250V	SHT 2 GRID B 28
C748	.01UF	50V	SHT 2 GRID F 24
C751	68PF		SHT 2 GRID L 37
C752	.1UF		SHT 2 GRID R 37
C755	.01UF	1KV	SHT 2 GRID I 36
C756	330PF	500V	SHT 2 GRID S 36
C757	.01UF	50V	SHT 2 GRID K 36

C759	4.7UF	160V	SHT 2 GRID O 30
C761	270PF	50V	SHT 2 GRID K 23
C762	68PF		SHT 2 GRID K 22
C763	.01UF	50V	SHT 2 GRID H 21
C764	1000PF	50V	SHT 2 GRID J 29
C765	.01UF	250V	SHT 2 GRID H 28
C768	.01UF	50V	SHT 2 GRID M 24
C781	270PF	50V	SHT 2 GRID Q 23
C782	68PF		SHT 2 GRID Q 22
C783	.01UF	50V	SHT 2 GRID O 21
C784	1000PF	50V	SHT 2 GRID P 29
C785	.01UF	250V	SHT 2 GRID O 28
C788	.01UF	50V	SHT 2 GRID S 24
C801	.01UF		SHT 3 GRID K 8
C802	.01UF		SHT 3 GRID N 18
C803	.01UF		SHT 3 GRID G 15
C804	.047UF		SHT 3 GRID H 14
C805	.1UF		SHT 3 GRID M 21
C806	.22UF	63V	SHT 3 GRID N 17
C807	4.7UF	50V	SHT 3 GRID M 23
C808	4.7UF	50V	SHT 3 GRID K 25
C809	100UF	25V	SHT 3 GRID M 28
C810	.1UF	50V	SHT 3 GRID N 6
C811	470UF	16V	SHT 3 GRID N 7
C812	100UF	63V	SHT 3 GRID V 9
C813	10UF	50V	SHT 3 GRID V 3
C814	.1UF		SHT 3 GRID Q 4
C815	.1UF		SHT 3 GRID O 28
C816	180PF		SHT 3 GRID N 35
C818	.01UF		SHT 4 GRID S 6
C819	.47UF	250V	SHT 4 GRID Q 12
C820	.01UF		SHT 4 GRID U 11
C821	.47UF	250V	SHT 4 GRID Q 17
C822	.47UF	.18UF 250V	SHT 4 GRID Q 23
C824	.01UF		SHT 4 GRID V 16
C826	10UF	50V	SHT 3 GRID Q 14
C827	.1UF	250V	SHT 4 GRID L 9
C828	6200PF	5600PF	SHT 4 GRID L 20
C829	.01UF		SHT 4 GRID M 20
C830	470PF	2KV	SHT 4 GRID K 19
C831	470PF	2KV	SHT 4 GRID L 19
C832	47UF	200V	SHT 4 GRID F 25
C833	.1UF	1KV	SHT 4 GRID L 27
C834	.1UF	1KV	SHT 4 GRID M 27
C835	1800PF	500V	SHT 4 GRID O 8
C836	.01UF	500V	SHT 4 GRID F 27
C838	180PF	400V	SHT 4 GRID M 10
C839	.47UF	250V	SHT 4 GRID Q 8
C840	8.2UF	100V	SHT 4 GRID T 3
C841	10UF	50V	SHT 4 GRID T 24
C842	4.7UF	250V	SHT 4 GRID H 26

C843	10UF	160V	SHT 4 GRID I 26
C844	4.7UF	250V	SHT 4 GRID L 33
C845	.047UF	630V	SHT 4 GRID I 31
C847	.33UF	50V	SHT 3 GRID G 10
C848	22UF	25V	SHT 3 GRID H 7
C850	10UF	50V	SHT 4 GRID P 30
C851	1UF	250V	SHT 4 GRID R 32
C852	10UF	350V	SHT 4 GRID O 38
C853	NI		SHT 4 GRID I 33
C854	22UF	63V	SHT 4 GRID N 33
C856	470UF	16V	SHT 4 GRID W 37
C857	470UF	16V	SHT 3 GRID P 6
C860	1UF	50V	SHT 3 GRID I 22
C862	NI		SHT 3 GRID J 23
C863	NI		SHT 3 GRID J 25
C901	4700PF	400V	SHT 1 GRID C 11
C902	4700PF	400V	SHT 1 GRID C 11
C903	.22UF	250V	SHT 1 GRID C 12
C904	220UF	400V	SHT 1 GRID C 20
C905	.022UF	500V	SHT 1 GRID C 21
C906	.047UF	630V	SHT 1 GRID C 26
C906	47UF		SHT 1 GRID I 12
C909	220UF		SHT 1 GRID J 25
C910	220UF		SHT 1 GRID J 20
C911	.22UF		SHT 1 GRID J 19
C912	100UF		SHT 1 GRID L 25
C913	470PF		SHT 1 GRID O 17
C914	.01UF	100V	SHT 1 GRID Q 17
C915	.01UF	100V	SHT 1 GRID V 18
C916	.47UF		SHT 1 GRID V 10
C917	1500PF		SHT 1 GRID W 17
C918	.01UF	100V	SHT 1 GRID W 16
C919	1UF	63V	SHT 1 GRID S 12
C920	.1UF		SHT 1 GRID N 10
C921	47UF		SHT 1 GRID P 8
C922	.1UF		SHT 1 GRID Q 10
C925	100UF	160V	SHT 1 GRID C 30
C926	100UF	250V	SHT 1 GRID C 34
C927	220UF	100V	SHT 1 GRID E 31
C928	220UF	100V	SHT 1 GRID H 31
C929	47UF	160V	SHT 1 GRID E 34
C930	.1UF	250V	SHT 1 GRID D 38
C930	2200UF	16V	SHT 1 GRID R 30
C931	1000UF		SHT 1 GRID N 30
C933	.22UF	100V	SHT 1 GRID O 35
C934	470UF		SHT 1 GRID M 39
C935	470UF	16V	SHT 1 GRID J 30
C936	47UF	16V	SHT 1 GRID J 34
C937	.01UF	100V	SHT 1 GRID W 29
C938	47UF	16V	SHT 1 GRID J 35
C940	470UF	16V	SHT 1 GRID R 33

C941	4700PF	400V
C942	4700PF	400V
C944	.22UF	
C945	220PF	1KV
C945	220PF	1KV
C951	220PF	1KV
C952	220PF	1KV
C955	.1UF	100V
D106	1N4148	
D111	1N4148	
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D742	1N4148	
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D763	1SS83	
D764	1N4148	
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D804	RGP10G	
D808	RGP10G	
D810	5THZ52	
D815	RGP10G	
D816	RGP10G	
D817	RGP10J	
D818	RGP10D	
D822	RGP10D	

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SHT 1 GRID N 28	
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SHT 1 GRID F 28	
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SHT 5 GRID H 12	
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SHT 4 GRID L 17	
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SHT 4 GRID G 27	
SHT 4 GRID K 31	
SHT 4 GRID M 31	
SHT 4 GRID S 35	

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D905	1N4007	
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D907	UF4007	
D909	UF4004	
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D923	BYV26-	200
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D926	BYM26C	
D927	BYV26-	200
D928	1N4148	
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DB901	G8L06	
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DU2	1N4148	
DU2	1N4148	
DU2	1N4148	
DU2	1N4148	
F901	4A	250V
IC601	TDA4858	
IC701	LM1203	
IC702	24LC21	
IC901	3842AN	
L401		
L701		
L702		
L741	3.3UH	
L761	3.3UH	
L781	3.3UH	
L801		
L803		
L804		
L805		
L901		
L902		

SHT 4 GRID O 36
SHT 3 GRID G 28
SHT 1 GRID F 17
SHT 1 GRID I 17
SHT 1 GRID D 24
SHT 1 GRID I 25
SHT 1 GRID I 20
SHT 1 GRID O 19
SHT 1 GRID P 19
SHT 1 GRID R 18
SHT 1 GRID R 17
SHT 1 GRID V 12
SHT 1 GRID V 19
SHT 1 GRID P 11
SHT 1 GRID O 8
SHT 1 GRID P 6
SHT 1 GRID S 7
SHT 1 GRID W 8
SHT 1 GRID R 28
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SHT 5 GRID K 18
SHT 1 GRID B 5
SHT 3 GRID T 20
SHT 2 GRID A 12
SHT 2 GRID P 8
SHT 1 GRID M 15
SHT 4 GRID E 23
SHT 2 GRID O 35
SHT 2 GRID Q 37
SHT 2 GRID B 26
SHT 2 GRID H 26
SHT 2 GRID N 26
SHT 4 GRID O 6
SHT 4 GRID P 23
SHT 4 GRID S 3
SHT 4 GRID M 17
SHT 1 GRID B 8
SHT 1 GRID C 10

L903			
L904			
L905			
L906			
L907			
L908			
LED1	GREEN		
NTC901	12ō	COLD	
Q103	2N3904		
Q104	2N3904		
Q105	2N3904		
Q106	2SC945		
Q107	2SC945		
Q108	1A4M		
Q401	2SC458		
Q402	2SC2229		
Q403	2SC3478		
Q404	2SA1370	BF423	
Q405	IRF730		
Q406	AA1A4M		
Q601	2SC458		
Q602	2SC458		
Q603	2SC456		
Q605	AA1A4M		
Q701	C458		
Q702	A844		
Q703	C458		
Q704	C458		
Q705	C458		
Q741	2SC4934		
Q742	2SC9304		
Q743	2SC3467		
Q744	2SA1370		
Q761	2SC4934		
Q762	2SC9304		
Q763	2SC3467		
Q764	2SA1370		
Q781	2SC4934		
Q782	2SC9304		
Q783	2SC3467		
Q784	2SA1370		
Q801	2SA844		
Q802	2SA844		
Q804	BC517		
Q805	2SC458		
Q806	2SA844		
Q807	AN1A	4M	
Q808	AA1A	4M	
Q809	AA1A	4M	
Q810	IRF630	2SK1221	2SK2134
Q811	AA1A	4M	

SHT 1 GRID B 12	
SHT 1 GRID C 13	
SHT 1 GRID L 19	
SHT 1 GRID B 32	
SHT 1 GRID E 33	
SHT 1 GRID R 31	
SHT 5 GRID B 22	
SHT 1 GRID B 16	
SHT 6 GRID L 22	
SHT 6 GRID I 4	
SHT 6 GRID E 4	
SHT 5 GRID E 6	
SHT 5 GRID D 7	
SHT 5 GRID B 20	
SHT 4 GRID F 15	
SHT 4 GRID E 16	
SHT 4 GRID C 19	
SHT 4 GRID D 19	
SHT 4 GRID D 23	
SHT 4 GRID E 7	
SHT 4 GRID X 26	
SHT 4 GRID W 28	
SHT 4 GRID V 28	
SHT 3 GRID G 26	
SHT 2 GRID U 18	
SHT 2 GRID X 11	
SHT 2 GRID V 25	
SHT 2 GRID V 26	
SHT 2 GRID T 26	
SHT 2 GRID A 23	
SHT 2 GRID C 23	
SHT 2 GRID B 26	
SHT 2 GRID E 26	
SHT 2 GRID H 23	
SHT 2 GRID I 23	
SHT 2 GRID H 27	
SHT 2 GRID K 27	
SHT 2 GRID N 23	
SHT 2 GRID O 23	
SHT 2 GRID O 27	
SHT 2 GRID Q 27	
SHT 3 GRID L 31	
SHT 3 GRID L 33	
SHT 3 GRID G 12	
SHT 3 GRID S 6	
SHT 3 GRID Q 6	
SHT 4 GRID T 7	
SHT 4 GRID T 5	
SHT 4 GRID U 2	
SHT 4 GRID Q 12	
SHT 4 GRID U 10	

Q812	AA1A	4M	
Q813	AN1A	4M	
Q814	IRF630	2SK1221	2SK2134
Q815	2SC458		
Q819	AA1A	4M	
Q820	AA1A	4M	
Q821	AN1A	4M	
Q822	IRF630	2SK1221	2SK2134
Q823	2SC5068	2SD2125	
Q824	TIP122		
Q825	FET		
Q826	2SC1879	2SD1555	
Q827	2SA1370	BF423	
Q829	2SC458		
Q830	2SC458		
Q831	BD139		
Q832	2SA1370	BF423	
Q833	2SC2229		
Q834	2SA1370	BF423	
Q836	2SC458		
Q901	2SK955	-16	
Q902	BF422		
Q903	FET		
Q904	2SA1015		
Q905	2SC1815		
Q905	2SC1815		
Q907	2SA1015		
Q908	2SC1815		
Q909	2SA1015		
Q911	2SB857		
Q911	2SB857		
Q912	2SC1815		
Q913	2SC1815		
Q914	2SC1815		
Q916	2SC1815		
Q917	2SB857		
Q920	2SC1815		
R105	1K		
R106	10K		
R107	1K		
R108	1K		
R109	1K		
R110	4.7K		
R111	22K		
R112	22K		
R113	1K		
R124	4.7K		
R127	4.7K		
R128	47ō		
R129	180ō		
R130	4.7K		

SHT 4 GRID V 7	
SHT 4 GRID U 12	
SHT 4 GRID Q 17	
SHT 4 GRID T 20	
SHT 4 GRID W 12	
SHT 4 GRID W 14	
SHT 4 GRID V 17	
SHT 4 GRID Q 23	
SHT 4 GRID K 13	
SHT 3 GRID O 36	
SHT 3 GRID Q 18	
SHT 4 GRID T 25	
SHT 4 GRID T 30	
SHT 4 GRID U 25	
SHT 4 GRID L 3	
SHT 4 GRID L 5	
SHT 4 GRID Q 28	
SHT 4 GRID R 35	
SHT 3 GRID B 29	
SHT 3 GRID F 22	
SHT 1 GRID L 22	
SHT 1 GRID H 13	
SHT 1 GRID G 17	
SHT 1 GRID U 9	
SHT 1 GRID P 9	
SHT 1 GRID W 12	
SHT 1 GRID N 4	
SHT 1 GRID P 4	
SHT 1 GRID P 2	
SHT 1 GRID L 31	
SHT 1 GRID R 35	
SHT 1 GRID O 32	
SHT 1 GRID P 31	
SHT 1 GRID N 36	
SHT 1 GRID V 33	
SHT 1 GRID U 37	
SHT 1 GRID T 35	
SHT 6 GRID L 21	
SHT 6 GRID L 23	
SHT 6 GRID F 5	
SHT 6 GRID F 9	
SHT 6 GRID J 9	
SHT 5 GRID R 26	
SHT 5 GRID K 20	
SHT 5 GRID I 20	
SHT 6 GRID K 5	
SHT 6 GRID F 23	
SHT 6 GRID F 28	
SHT 5 GRID D 5	
SHT 5 GRID F 5	
SHT 5 GRID D 7	

R131	4.7K		SHT 5 GRID D 20
R132	4.7K		SHT 5 GRID F 20
R133	390õ		SHT 5 GRID A 22
R134	100õ		SHT 5 GRID F 24
R135	100õ		SHT 5 GRID D 24
R136	100õ		SHT 5 GRID B 28
R145	470õ		SHT 5 GRID B 24
R401	33K		SHT 4 GRID C 2
R402	2.4K		SHT 4 GRID D 2
R403	100õ		SHT 4 GRID C 3
R404	150K		SHT 4 GRID B 5
R406	4.7K		SHT 4 GRID D 10
R407	8.2K		SHT 4 GRID E 10
R408	10K		SHT 4 GRID G 6
R409	10K		SHT 4 GRID H 6
R410	10K		SHT 4 GRID F 13
R411	22K		SHT 4 GRID D 16
R412	1K		SHT 4 GRID C 17
R413	2.2K		SHT 4 GRID D 18
R414	10õ		SHT 4 GRID C 21
R415	180K		SHT 4 GRID B 8
R415	68õ		SHT 4 GRID B 13
R417	2.7K		SHT 4 GRID D 8
R419	3.9K		SHT 4 GRID C 10
R501	10K		SHT 3 GRID T 32
R502	47K		SHT 3 GRID S 32
R503	2.7K		SHT 3 GRID T 33
R504	2.7K		SHT 3 GRID U 32
R601	0õ		SHT 3 GRID R 21
R602	680õ	1/2W	SHT 3 GRID U 12
R603	1õ	1W	SHT 3 GRID T 22
R604	390õ	1W	SHT 3 GRID T 24
R606	82K		SHT 3 GRID U 22
R608	680õ		SHT 4 GRID X 23
R609	10K		SHT 4 GRID Y 25
R610	2.7K		SHT 4 GRID V 27
R611	1.2K		SHT 4 GRID V 30
R612	NI		SHT 3 GRID K 25
R613	NI		SHT 3 GRID J 26
R614	1K		SHT 3 GRID F 25
R615	1K		SHT 3 GRID G 25
R617	750õ	3W	SHT 4 GRID L 10
R624	4.3K		SHT 4 GRID M 2
R625	56K		SHT 4 GRID L 2
R626	150õ	2W	SHT 4 GRID I 10
R698	1K		SHT 3 GRID F 23
R701	75õ		SHT 2 GRID D 5
R702	75õ		SHT 2 GRID G 5
R703	75õ		SHT 2 GRID K 5
R705	100õ		SHT 2 GRID P 4
R706	100õ		SHT 2 GRID Q 4

R706	33õ		SHT 2 GRID C 6
R707	33õ		SHT 2 GRID F 6
R708	33õ		SHT 2 GRID J 6
R709	47K		SHT 2 GRID P 6
R710	180õ	1/2W	SHT 2 GRID W 21
R714	2.2K		SHT 2 GRID V 6
R715	1.8K		SHT 2 GRID X 5
R716	6.8K		SHT 2 GRID U 15
R717	6.8K		SHT 2 GRID V 17
R718	220õ		SHT 2 GRID T 19
R719	10K		SHT 2 GRID V 26
R720	2.2K		SHT 2 GRID S 26
R721	3.3K		SHT 2 GRID U 27
R722	2.7K		SHT 2 GRID V 29
R725	100õ		SHT 2 GRID J 36
R726	100K	.5W	SHT 2 GRID H 37
R727	51õ		SHT 2 GRID E 16
R728	220õ		SHT 2 GRID D 15
R729	51õ		SHT 2 GRID I 16
R730	51õ		SHT 2 GRID I 16
R731	220õ		SHT 2 GRID G 15
R732	51õ		SHT 2 GRID L 16
R733	220õ		SHT 2 GRID K 15
R734	5.6K		SHT 2 GRID O 18
R735	1.2K		SHT 2 GRID S 18
R741	390õ		SHT 2 GRID D 21
R742	56õ		SHT 2 GRID C 21
R743	33õ		SHT 2 GRID A 22
R744	5.1K		SHT 2 GRID E 23
R745	56õ	1/2W	SHT 2 GRID E 24
R746	56õ		SHT 2 GRID E 22
R747	820õ	7W	SHT 2 GRID A 26
R748	68õ	2W	SHT 2 GRID D 28
R749	68õ	1/2W	SHT 2 GRID D 30
R761	390õ		SHT 2 GRID J 21
R762	56õ		SHT 2 GRID I 21
R763	33õ		SHT 2 GRID H 22
R764	5.1K		SHT 2 GRID K 23
R765	56õ	1/2W	SHT 2 GRID K 24
R766	56õ		SHT 2 GRID K 22
R767	820õ	7W	SHT 2 GRID H 26
R768	68õ	2W	SHT 2 GRID J 28
R769	68õ	1/2W	SHT 2 GRID J 30
R781	390õ		SHT 2 GRID P 21
R782	56õ		SHT 2 GRID O 21
R783	33õ		SHT 2 GRID N 22
R784	5.1K		SHT 2 GRID R 23
R785	56õ	1/2W	SHT 2 GRID Q 24
R786	56õ		SHT 2 GRID R 22
R787	820õ	7W	SHT 2 GRID N 26
R788	68õ	2W	SHT 2 GRID P 28

R789	68õ	1/2W	SHT 2 GRID P 30
R801	100K		SHT 3 GRID J 6
R802	1.58K	1%	SHT 3 GRID H 10
R803	1K		SHT 3 GRID G 14
R804	22K		SHT 3 GRID N 20
R805	68K		SHT 3 GRID F 17
R806	68K		SHT 3 GRID E 21
R807	270K		SHT 3 GRID E 18
R808	39K		SHT 3 GRID E 15
R809	390K		SHT 3 GRID C 15
R810	47K		SHT 3 GRID B 15
R811	NI		SHT 3 GRID D 15
R812	68K		SHT 3 GRID X 9
R813	39õ		SHT 3 GRID M 5
R814	47K		SHT 3 GRID J 28
R815	56K		SHT 3 GRID L 29
R816	10K		SHT 3 GRID O 23
R817	47K		SHT 3 GRID F 20
R818	56K		SHT 3 GRID K 26
R819	470õ		SHT 3 GRID O 32
R820	1K		SHT 3 GRID K 32
R821	27K		SHT 3 GRID K 34
R822	2.2K		SHT 3 GRID L 34
R823	10K		SHT 3 GRID L 35
R824	47K		SHT 3 GRID M 35
R825	22K		SHT 3 GRID H 29
R826	1K		SHT 3 GRID G 8
R827	33K		SHT 3 GRID R 9
R829	200K		SHT 3 GRID J 7
R829	39K		SHT 3 GRID U 4
R830	2K		SHT 3 GRID V 4
R831	10K		SHT 3 GRID Q 2
R832	81K		SHT 3 GRID Q 1
R833	1K		SHT 3 GRID Q 5
R834	2.37K	1%	SHT 3 GRID G 6
R835	1K		SHT 3 GRID R 8
R836	330K		SHT 3 GRID H 31
R837	1K		SHT 3 GRID T 7
R838	2.2K		SHT 3 GRID H 12
R839	680õ		SHT 3 GRID F 12
R840	120K		SHT 3 GRID E 17
R841	120K		SHT 3 GRID D 21
R842	1K		SHT 3 GRID G 11
R843	1.2M		SHT 3 GRID D 22
R844	4.7K		SHT 4 GRID R 11
R845	100õ	1/2W	SHT 4 GRID Q 10
R846	10K		SHT 4 GRID U 9
R847	4.7K		SHT 4 GRID R 16
R848	100õ	1/2W	SHT 4 GRID Q 15
R849	10K		SHT 4 GRID T 4
R851	220õ	2W	SHT 4 GRID S 21

R854	10K		SHT 4 GRID V 13
R855	4.7K		SHT 4 GRID R 21
R856	100õ	1/2W	SHT 4 GRID Q 20
R858	120õ	2W	SHT 4 GRID J 10
R858	2.2õ	1W	SHT 3 GRID L 37
R859	1K		SHT 3 GRID Q 14
R860	22õ		SHT 3 GRID Q 15
R861	2.2õ		SHT 4 GRID K 12
R862	47õ	1/2W	SHT 4 GRID M 13
R863	120õ	2W	SHT 4 GRID J 10
R864	330õ	1/2W	SHT 4 GRID O 8
R865	150õ	3W	SHT 4 GRID K 10
R866	1K		SHT 3 GRID S 17
R867	750õ	3W	SHT 4 GRID L 10
R869	120õ	1/2W	SHT 4 GRID T 23
R870	150õ	2W	SHT 4 GRID O 24
R871	220õ	2W	SHT 4 GRID P 24
R873	2.2K	1/2W	SHT 4 GRID H 31
R874	180K		SHT 4 GRID U 28
R876	330õ		SHT 4 GRID M 4
R877	5.6õ	2W	SHT 4 GRID N 6
R878	1.2K		SHT 4 GRID V 24
R879	2.2õ	2W	SHT 4 GRID M 15
R881	56K	1/2W	SHT 4 GRID P 27
R882	560K		SHT 4 GRID U 22
R883	560K		SHT 4 GRID U 23
R884	220K		SHT 4 GRID Q 30
R885	10K		SHT 4 GRID R 30
R886	1M		SHT 4 GRID S 34
R887	330K	220K	SHT 4 GRID H 37
R888	2.2M		SHT 4 GRID H 39
R889	2.2K		SHT 4 GRID Q 36
R890	120K		SHT 4 GRID P 36
R891	47K	1/2W	SHT 4 GRID R 33
R892	47K	10K	SHT 4 GRID T 33
R893	390K		SHT 3 GRID B 28
R894	68K		SHT 3 GRID B 31
R895	3.9K		SHT 3 GRID E 23
R896	2.2K		SHT 3 GRID G 31
R897	2.2K		SHT 3 GRID G 29
R899	47K		SHT 3 GRID G 21
R901	680K	1/2W	SHT 1 GRID C 7
R903	20K	1W	SHT 1 GRID F 17
R904	270K	1W	SHT 1 GRID C 23
R905	270K	1W	SHT 1 GRID D 23
R906	.5õ	1/2W	SHT 1 GRID B 23
R906	150K		SHT 1 GRID H 14
R907	15K	7W	SHT 1 GRID C 24
R909	620õ	1W	SHT 1 GRID J 23
R911	18K		SHT 1 GRID M 19
R912	12õ	1/2W	SHT 1 GRID L 17

R913	.33ō	3W	SHT 1 GRID O 22
R914	1K		SHT 1 GRID N 20
R915	10K		SHT 1 GRID Q 18
R916	4.7K		SHT 1 GRID H 10
R917	6.8K		SHT 1 GRID U 15
R918	82K		SHT 1 GRID U 12
R919	82K		SHT 1 GRID V 15
R920	22ō		SHT 1 GRID X 17
R921	470ō		SHT 1 GRID X 13
R922	3.9K		SHT 1 GRID X 9
R923	3.9K		SHT 1 GRID W 7
R924	33K		SHT 1 GRID S 13
R925	1.2K		SHT 1 GRID R 13
R925	81K		SHT 1 GRID Q 12
R927	100K		SHT 1 GRID P 10
R928	4.7K		SHT 1 GRID O 6
R929	10K		SHT 1 GRID P 5
R930	4.7K		SHT 1 GRID Q 5
R931	4.7K		SHT 1 GRID M 4
R932	10K		SHT 1 GRID O 4
R933	1.2K	1/2W	SHT 1 GRID O 2
R935	39K	1W	SHT 1 GRID C 31
R936	82K	1/2W	SHT 1 GRID E 35
R937	100K	1/2W	SHT 1 GRID C 36
R938	6.8K	1/2W	SHT 1 GRID D 36
R939	82K		SHT 1 GRID M 30
R940	510ō	1W	SHT 1 GRID N 32
R941	220K		SHT 1 GRID O 33
R942	470ō	1/2W	SHT 1 GRID M 34
R943	47K		SHT 1 GRID Q 30
R944	10K		SHT 1 GRID P 29
R945	27K		SHT 1 GRID M 36
R946	10K		SHT 1 GRID N 35
R947	1.5M		SHT 1 GRID O 36
R948	11.8K	1%	SHT 1 GRID O 38
R949	3.09K	1%	SHT 1 GRID P 38
R953	51ō		SHT 1 GRID V 29
R954	470K		SHT 1 GRID W 30
R955	1.37K	1%	SHT 1 GRID V 40
R958	1K		SHT 1 GRID T 36
R959	220ō	1/2W	SHT 1 GRID U 35
R960	10K		SHT 1 GRID V 31
R961	47K		SHT 1 GRID W 32
R962	1K		SHT 1 GRID R 34
R963	220ō	1/2W	SHT 1 GRID S 36
R964	47K		SHT 1 GRID U 34
R965	10K		SHT 1 GRID T 32
R966	270ō	3W	SHT 1 GRID A 28
R967	270ō	1/2W	SHT 1 GRID M 28
R969	10K		SHT 1 GRID I 37
R970	3.3ō	3.3ō	SHT 1 GRID R 38

R973	270ō	2W	SHT 1 GRID D 29
R974	270ō	2W	SHT 1 GRID F 29
R975	100ō	1W	SHT 1 GRID J 33
R976	100ō		SHT 1 GRID H 38
R990	4.7K		SHT 1 GRID K 17
RU1	22K		SHT 5 GRID K 13
RU1	22K		SHT 5 GRID M 13
RU1	22K		SHT 5 GRID M 17
RU1	22K		SHT 5 GRID M 26
RU1	22K		SHT 5 GRID N 13
RU1	22K		SHT 5 GRID O 13
RU1	22K		SHT 5 GRID O 26
RU1	22K		SHT 5 GRID P 26
RU1	22K		SHT 5 GRID Q 26
SP5	1KV		SHT 2 GRID I 35
SW			SHT 5 GRID K 4
SW			SHT 5 GRID K 5
SW			SHT 5 GRID K 6
SW			SHT 5 GRID K 7
SW			SHT 5 GRID K 8
SW			SHT 5 GRID K 9
SW			SHT 5 GRID K 9
SW			SHT 5 GRID K 10
SW			SHT 5 GRID K 11
SW			SHT 5 GRID K 12
SW901	SPST		SHT 1 GRID B 14
T802			SHT 4 GRID L 11
T901			SHT 1 GRID B 27
U103	74	LS08	SHT 6 GRID F 7
U103	74	LS08	SHT 6 GRID J 7
U103	74	LS08	SHT 6 GRID O 18
U104	74	LS86	SHT 6 GRID F 13
U104	74	LS86	SHT 6 GRID G 11
U104	74	LS86	SHT 6 GRID J 13
U104	74	LS86	SHT 6 GRID K 10
U105	74	LS74	SHT 6 GRID B 17
U105	74	LS74	SHT 6 GRID N 12
U106	74	LS02	SHT 6 GRID J 15
U106	74	LS02	SHT 6 GRID O 15
U106	74	LS02	SHT 6 GRID Q 15
U106	74	LS02	SHT 6 GRID R 13
U107	87C846N		SHT 6 GRID D 26
U109	TDA8444		SHT 5 GRID B 26
U110	X2402		SHT 5 GRID I 25
U111	BABYBED		SHT 5 GRID B 14
U401	TL431		SHT 4 GRID D 5
U402	NE555		SHT 4 GRID C 11
U501	TDA7072A		SHT 3 GRID S 35
U801	TDA4852		SHT 3 GRID L 8
U802	LM358		SHT 3 GRID K 22
U802	LM358		SHT 3 GRID L 28

U803	UPC1406		SHT 3 GRID M 25
U804	TL431		SHT 3 GRID U 1
U902	CQY80	NG	SHT 1 GRID V 28
U903	TL431		SHT 1 GRID P 34
U904	TL431		SHT 1 GRID X 29
U905	7805		SHT 1 GRID J 31
VR401		1K	SHT 4 GRID C 2
VR402	22K		SHT 4 GRID C 6
VR701	10K		SHT 2 GRID U 6
VR702	100ō		SHT 2 GRID F 16
VR703	100ō		SHT 2 GRID M 16
VR704	4.7K		SHT 2 GRID P 17
VR705	4.7K		SHT 2 GRID Q 17
VR706	4.7K		SHT 2 GRID R 17
VR801	100K		SHT 4 GRID S 30
VR802	100K		SHT 4 GRID G 39
VR804		100K	SHT 4 GRID S 33
VR901	500ō		SHT 1 GRID W 40
X1	4MHZ		SHT 5 GRID S 3
Y101	8MHZ		SHT 6 GRID E 24
ZD101	3.6V		SHT 5 GRID E 5
ZD102	5.1V		SHT 5 GRID C 24
ZD103	11V		SHT 5 GRID C 29
ZD401	10V		SHT 4 GRID C 13
ZD601	10V		SHT 4 GRID X 21
ZD603	36V		SHT 4 GRID K 2
ZD703	5V		SHT 2 GRID R 6
ZD704	5V		SHT 2 GRID Q 6
ZD801	12V		SHT 4 GRID P 29
ZD802	18V		SHT 4 GRID S 32
ZD803	10V		SHT 3 GRID N 5
ZD901	15V		SHT 1 GRID M 20
ZD902	15V		SHT 1 GRID H 16
ZD904	5.1V		SHT 1 GRID L 24
ZD905	2.7V		SHT 1 GRID P 6
ZD909	18V		SHT 1 GRID K 17
ZD921	5.1V		SHT 1 GRID X 11